

MARKSYSTEMS

System Requirements / Recommendations for IHMS³

Advantages of IHMS³

Centralized server allows control over programs, data and users with one point of access.

No mapped drives needed on clients machines: this will protect the programs and data from being tampered with or changed outside of the application itself.*

IHMS³ jar files are automatically updated when a user starts up IHMS.

No need to install BASIS software on a client machine. This makes any new machine on your network or outside "IHMS-ready"

*Users responsible for managing sales contract templates still require a mapped drive.

IHMS³ Java Powered

The new IHMS Java version presents multiple advantages that would be impossible or at best very hard to implement with VPRO5. BBJ allows us to use the latest Java technology called Webstart to deploy (over the web) a high-end client side desktop application. What this means is that you would be able to use your IHMS application from any machine on your network (or outside of your network if desired) without having to install BASIS software on that machine. The IHMS Java version only requires the presence of a J2SE/JRE (Java runtime environment) on the client machine, which is the case on almost all computers today.

The new IHMS³ is a server-client application. What this means is that everything will be running (behind the scenes) on the server. All client requests will be processed on the server and you will only see the results of your requests on your screen.



Client

To run IHMS³ from any machine, users only need to click on a file on their desktop (ihmsjava.jnlp) and the application will be launched. This is made possible with the use of java Webstart technology (you can read more about this technology on Sun's website)



WEBSITES

www.marksystemsUSA.com

www.basis.com

Server

The BBJ products suite will only be installed and licensed on the server. All the programs and data associated with IHMS will also reside on the server which facilitates their control. Using the EM (Enterprise Manager), an administrator can see from the server who is logged in, what files are opened, what programs are being executed and therefore can log users out of the system (forcefully if necessary).



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SERVER

Server Recommendations	
Computer/Processor	Dual Quad Core 2GHz (x86 processor)
Memory	8GB Memory or more (additional memory improves response time).
Hard Disk	300GB 15000 RPM SATA Hard Drive
Operating Systems	Windows Server 2008 R2
Network Card	Intel Pro 1000MT Gigabit Network Adapter
Drive	CDRW/DVD Combo Drive, 48X, Internal
Display	VGA or higher resolution monitor
Keyboard & Mouse	Required
Remote Access	Terminal Server (Needed for installation, upgrade, and support)

Server Minimum Requirements*	
Computer/Processor	Quad Core x86 processor or x64 processor
Memory	4GB Memory (more memory improves response time).
Hard Disk	500GB 7200 RPM SATA Hard Drive
Operating Systems	Windows Server 2008 R2
Network Card	Intel Pro 1000MT Gigabit Network Adapter
Drive	CDRW/DVD Combo Drive, 48X, Internal
Display	VGA or higher resolution monitor
Keyboard & Mouse	Required
Remote Access	Terminal Server (Needed for installation, upgrade, and support)

***Note:** While IHMS³ will operate under the minimum requirements, performance is not expected to be optimal and the end user experience may not be satisfactory when you do not meet or exceed the **recommended** platform configuration. This especially applies to running IHMS³ via "web start" from outside of your internal network. "Web start" from outside of your internal network refers to the optional capability to access IHMS³ completely from the internet without a remote desktop connection or any other remote connection method to your server or client workstation. This is a useful ability in remote sales offices and other remote business locations.



IHMS³ Java

Powered

(Intranet)

If running the application via the intranet, your Internet Service Provider is not a factor.

IHMS³ Java

Powered

(Internet)

If running the application via the internet your Internet Service Provider should have a fast Download and Upload time.

Server ISP

- Cable / DSL / T1 / FIOS

- Download not less than 10 Mbps

- Upload not less than 10 Mbps

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CLIENT

Client Internet*

- Cable or DSL modem (for out-of-office access)
- 5 Mbps or better upstream network speed for faster access
- Higher upstream network speeds yield faster application
- Home network router : wired or wireless

*These requirements are only necessary if running IHMS³ over the internet via "web start" from outside of your office's internal network.

Client Recommendations

Computer/Processor	Dual Core (I3, I5) or Quad Core (I7) (x86 processor or x64 processor)
Memory	4GB Memory or more (more memory improves response time).
Hard Disk	1GB free disk space; (7200 rpm)
Operating Systems	Windows 7, Vista, or XP
Network Card	Intel Pro 1000MT Gigabit Network Adapter
Drive	CDRW/DVD Combo Drive, 48X, Internal
Display	VGA or higher resolution monitor
Keyboard & Mouse	Required



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Notes

Recommended environment

- Using a dedicated server provides maximum performance.

BBj Thin Client ports:

- Ports are opened to the outside world for external people to connect to IHMS3

- For the secure connection this port defaults to 2103 and for the non-secure connection this is port 2003

JDK (Needed on the server to sign jars)

INSTALLED SOFTWARE (SERVER):

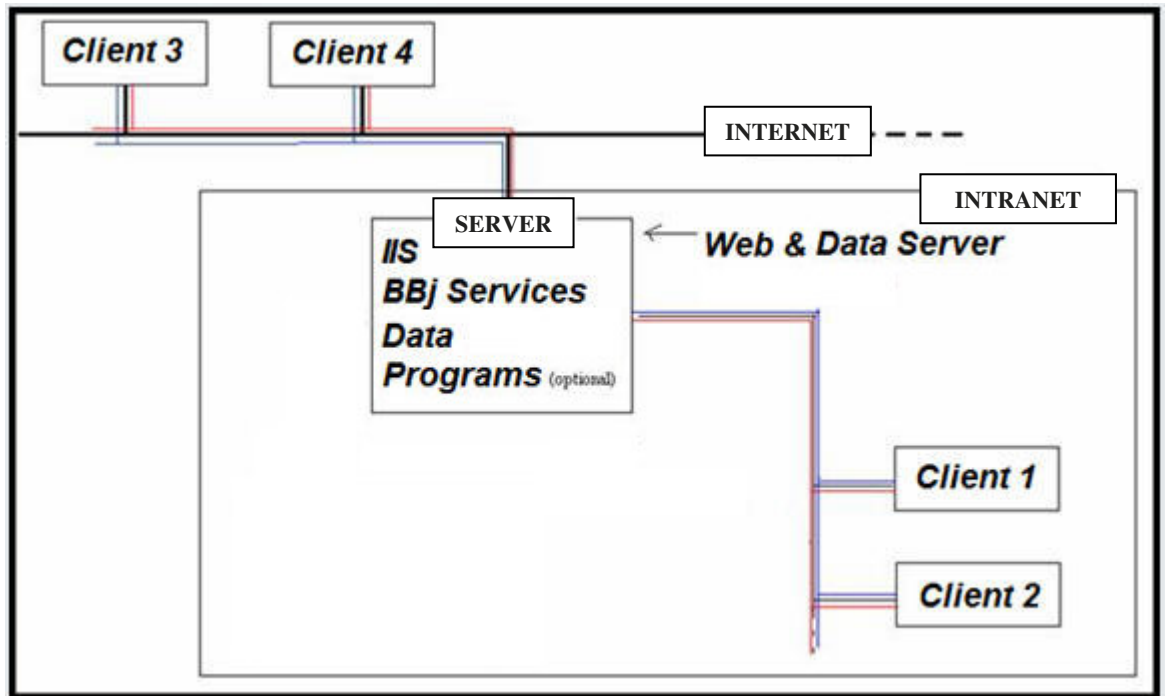
- BBj - Version 10.3
- BLM - Version 10.13 or Higher
- IIS or Apache - Version 6.0
- Operating System - 2008 Server
- Office – 2003, 2007 or 2010 (Excel and Word)
- JDK / JRE - Version 1.6



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INSTALLED SOFTWARE (CLIENT):

- Internet Connection
- Operating System – Windows 7, Vista, or XP
- Microsoft Office 2003, 2007, 2010
- Java Client JVM 1.6 and up

